

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

APR 3 0 2004 (Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
2003-0116.02

In Re Application Of: Keith B. Hardin et al.

Serial No.

10/772,838

Filing Date

2/5/2004

Examiner

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Group Art Unit

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Title: **METHOD AND APPARATUS FOR REDUCING EMI EMISSIONS FOR DATA SIGNALS TRAVELING  
OVER A DATA PATHWAY**

Address to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

- The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

- The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

**OR**

the fee set forth in 37 CFR 1.17(p).

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**METHOD AND APPARATUS FOR REDUCING EMI EMISSIONS FOR DATA SIGNALS**

**OVER A DATA PATHWAY**

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

A check in the amount of \_\_\_\_\_ is attached.

The Director is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below.

Charge the amount of \_\_\_\_\_

Credit any overpayment.

Charge any additional fee required.

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I certify that this document and fee is being deposited on April 28, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Antoinette B. Clark*

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Signature of Person Mailing Correspondence

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Antoinette B. Clark

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Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account.

*Frederick H. Gribbell*  
\_\_\_\_\_  
Signature

Dated: April 28, 2004

Frederick H. Gribbell  
FREDERICK H. GRIBBELL, LLC  
10250 Alliance Road, Suite 120  
Cincinnati, Ohio 45242  
(513) 891-2100  
PTO Registration No. 33,892

CC:

<b>INFORMATION DISCLOSURE CITATION</b> <small>(Use several sheets if necessary)</small>				ATTY DOCKET NO. 2003-0116.02	SERIAL NO. 10/772,838			
				Keith B. Hardin et al.				
				FILING February 5, 2004	GROUP -----			
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	3,023,322	2/27/62	Keeler				
	AB	3,047,853	7/31/62	Machol				
	AC	3,202,975	8/24/65	Magotteaux				
	AD	3,328,702	6/27/67	Brown				
	AE	3,721,904	3/20/73	Verhoeven				
	AF	4,071,692	1/31/78	Weir et al.				
	AG	4,100,541	7/11/78	Quesnell, Jr.				
	AH	4,475,085	10/2/84	Yahata et al.				
	AI	4,507,796	3/26/85	Stumfall				
	AJ	4,511,924	4/16/85	Griffis et al.				
	AK	4,540,945	9/10/85	Kuroki				
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA	62-63327	3/20/87	Japan				
	BB	62-146018	6/30/87	Japan				
	BC	1372610 A1	2/7/88	SU				
	BD	64-44114	2/16/89	Japan				
	BE	3-297238	12/27/91	Japan				
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	CA	Hamel, H.; Holzman, G.R.; Kleinfelder, W.J.; Kostenko, W.P.; and, Smith, Jr., A.A., "Frequency Modulated Clock For Data Processor For Test For Electromagnetic Radiation And Electromagnetic Compatability," IBM Technical Disclosure Bulletin, Vol. 26, No. 1 (June, 1983) 1 page.						
	CB	"Frame Delay Lines Inversion," IBM Technical Disclosure Bulletin, Vol. 36, No. 6A (June, 1993) 4 pages.						
EXAMINER				DATE CONSIDERED				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AL	4,723,164	2/2/88	Nienaber			
	AM	4,862,478	8/29/89	McIntosh			
	AN	4,965,533	10/23/90	Gilmore			
	AO	5,012,340	4/30/91	Kirschenstein			
	AP	5,079,519	1/7/92	Ashby et al.			
	AQ	5,105,444	4/14/92	Gard			
	AR	5,107,188	4/21/92	Rindal			
	AS	5,157,308	10/20/92	Rindal			
	AT	5,200,981	4/6/93	Carmon			
	AU	5,387,944	2/7/95	Furumiya			
	AV	5,399,996	3/21/95	Yates et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BF	04219082	8/10/92	Japan				
	BG	04303234	10/27/92	Japan				
	BH	5-152908	6/18/93	Japan				
	BI	5-268022	10/15/93	Japan				
	BJ	06303502	10/28/94	Japan				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AW	5,422,919	6/6/95	Graham			
	AX	5,430,392	7/4/95	Matejic			
	AY	5,479,445	12/26/95	Kloker et al.			
	AZ	5,488,627	1/30/96	Hardin et al.			
	DA	5,537,068	7/16/96	Konno			
	DB	5,631,920	5/20/97	Hardin			
	DC	5,659,339	8/19/97	Rindal et al.			
	DD	5,731,728	3/24/98	Greiss			
	DE	5,736,893	4/7/98	Puckette et al.			
	DF	5,771,264	6/23/98	Lane			
	DG	5,781,742	7/14/98	Asano et al.			

## FOREIGN PATENT DOCUMENTS

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DH	5,793,988	8/11/98	Asano et al.			
	DI	5,867,524	2/2/99	Booth et al.			
	DJ	5,872,807	2/16/99	Booth et al.			
	DK	5,889,819	3/30/99	Arnett			
	DL	5,909,144	6/1/99	Puckette et al.			
	DM	5,909,472	6/1/99	Arnett			
	DN	6,014,063	1/11/00	Liu et al.			
	DO	6,020,939	2/1/00	Rindal et al.			
	DP	6,046,646	4/4/00	Lo et al.			
	DQ	6,144,242	11/7/00	Jeong et al.			
	DR	6,147,699	11/14/00	Berry et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

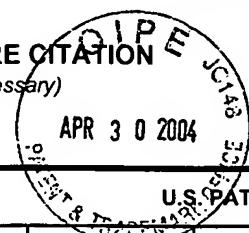

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	DS	6,167,103	12/26/00	Hardin			
	DT	6,175,259	1/16/01	Mann et al.			
	DU	6,292,507	9/18/01	Hardin et al.			
	DV	6,366,174	4/2/02	Berry et al.			
	DW	6,404,834	6/11/02	Hardin et al.			
	DX	6,476,844	11/5/02	Ream			
	DY	6,658,043	12/2/03	Hardin et al.			

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